1 VQE results Aer Estimator (With Shots)

			(Full H	Double Well $\Lambda = 4$		COYBLA Max 10k Iterations		S			
Ansatz	Tolerance	Shots	Converged runs	Mean iter	VQE min E.	σ_{min}	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time
RA r1 rl	1e-01	10000	100/100	32	$9.356e{-01}$	$4.8549e{-02}$	2.9036e - 02	1.2521e+00	$3.4554e{-01}$	$9.0656e{-01}$	00h 19m 10s
RA r1 rl	1e-02	10000	100/100	44	$9.421e{-01}$	5.174e - 02	$3.5536e{-02}$	1.2021e+00	$2.9554e{-01}$	-	$00h\ 25m\ 07s$
RA r1 rl	1e-03	10000	100/100	56	$8.989e{-01}$	$4.4661e{-02}$	-7.6586e - 03	1.1658e+00	$2.5922e{-01}$	-	00h 31m 29s
RA r1 rl	$1e{-04}$	10000	100/100	70	$8.8114e{-01}$	$5.1221e{-02}$	$-2.5424\mathrm{e}{-02}$	1.3049e+00	$3.9835e{-01}$	-	$00h\ 36m\ 50s$
RA r1 rl	$1e{-05}$	10000	100/100	79	$8.8148e{-01}$	$4.6884e{-02}$	-2.5079e-02	1.1873e+00	$2.8073e{-01}$	-	00h 39m 53s
RA r1 rl	1e-06	10000	100/100	88	$9.1367e{-01}$	$4.4895e{-02}$	7.1118e - 03	1.2174e + 00	$3.1086e{-01}$	-	00h 44m 55s
RA r1 rl	1e - 07	10000	100/100	103	$9.1986e{-01}$	$5.0784e{-02}$	$1.3301e{-02}$	1.2295e+00	$3.2289e{-01}$	-	00h $52m$ $15s$
RA r1 rl	$1e{-08}$	10000	100/100	112	$9.1909e{-01}$	$5.1593e{-02}$	$1.2533e{-02}$	1.1936e+00	$2.8704e{-01}$	-	$00h\ 57m\ 15s$
Ansatz	Tolerance	Shots	Converged runs	Mean iter	VQE min E.	σ_{min}	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time

Table 1